

It is claimed:

1. A computer-implemented dynamic pronunciation system comprising:
 - a first dictionary storage unit that contains word pronunciation rules;
 - a dictionary generation unit connected to the first dictionary storage unit that determines a first set of possible pronunciation rules for a pre-selected word; and
 - a neural network whose structure accepts word spelling as an input and generates at least one pronunciation rule as an output, wherein the pronunciation rule from the neural network is used within the first set of possible pronunciation rules for the pre-selected word to form a pronunciation dictionary.
2. The computer-implemented dynamic pronunciation system of claim 1 wherein the neural network generates pronunciation rules that contain accent pronunciation rules.
3. The computer-implemented dynamic pronunciation system of claim 2 wherein the accent pronunciation rules map phonemes to a spelled word.
4. The computer-implemented dynamic pronunciation system of claim 2 wherein the accent pronunciation rules map different sets of phonemes to the pre-selected word.
5. The computer-implemented dynamic pronunciation system of claim 2 wherein each of the sets of phonemes represent a different speaking accent.

at least one language model that has been constructed from the accent pronunciation rules.

7. The computer-implemented dynamic pronunciation system of claim 2 wherein the language models are hidden Markov language recognition models.